



Sicostirolo® CR H 3549

Ravago Manufacturing Europe - High Impact Polystyrene

General Information

Product Description

PS compound, high impact

General

Material Status	• Commercial: Active
Availability	• Europe
Features	• High Impact Resistance

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	8.0	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.40 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2200	MPa	ISO 527-1
Tensile Stress (Yield, 23°C)	25.0	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	20.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	30	%	ISO 527-2
Flexural Modulus (23°C)	2000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	7.0	kJ/m ²	ISO 180

Notes

¹ Typical properties: these are not to be construed as specifications.